

Effect of Atmospheric Haze Upon Aerial Color
Photography, by N. I. Bogachkov, 17 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotograf i
Kinematograf, Vol VII, No 2, 1962, pp 112-120. 9687151

FTD-77-69598

CIA/FDD XX-1297

NOT RELEASABLE TO FOREIGN NATIONALS

Sci

Nov 62

N L M 8945

USIB INTERNAL USE ONLY

DTG 62-11600

216,249

Selenium-Tellurium Electrophotographic Layers, by
S. G. Grenishin, Yu. A. Cherkasov, 19 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotograf i Kinematog,
Vol VII (2), 1962, pp 121-127.

CIA/VID XI-1243

NOT RELEASABLE TO FOREIGN NATIONALS

NLU M 8944

Sci

211,429

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USIB INTERNAL USE ONLY

OTS 52 1-574

Range of Variation in the Sensitivity of the Photographic Method for Recording Radiation, by Yu. A. Anan'yev, A. A. Mak, 9 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i Kinematograf, Vol VII, No 2, 1962, pp 128-132.

CIA/FDD XX-1298

NOT RELEASABLE TO FOREIGN NATIONALS

Sci
Nov 62

NLL M. 8946
OTS 62-18595

USIB INTERNAL USE ONLY

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Information Approach to Evaluating Sensitivity in
Photography and Television, by S. B. Gurevich, 16 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i
Kinematograf, Vol VII, No 2, 1962, pp 133-140.

CIA/FDDX XX-1299

~~NOT RELEASABLE TO FOREIGN NATIONALS~~

Sci

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USIB INTERNAL USE ONLY

70. Foreign Dissem
NLL M8938

OT: 63-14-74

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Quantum Output of the Photographic Process on Silver Halide Emulsions, by V. I. Gheberstov.

RUSSIAN, per, Zhur Nauch i Prik Fotog i Kinematog, Vol VII, No 2, 1962, pp 141-142.

NLL Ref: 5828.4 1963 (10 353)
(Loan)

Sci - Physics
Oct 63

Specific State of Formation of J-Polymers on Grains of Various Silver Iodobromide Emulsions, by N. A. Grechko.

RUSSIAN, Zhurn Zhur Nauch i Prik Fotogi Kinematog, Vol VII, No 2, 1962, pp 142-145.

NKGNLL Ref: 5828.4 1963 (10 354)
(Loan)

OTC 149 63-18075 (4 pp - 5/15)

Sci - Physics
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Emulsions, by Yu. M. Erokhovskii.

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KINEMATOGRAF Vol VII, No 2, 1962, pp 148-150.

ILL Ref: 5828.4 1963 (10 356)
(Loan)

Sci - Physics
Oct 63

Changes in Dimensions of Cellulose Ester Films,
by F. C. Sherman.

RUSSIAN, per, Zhur Nauch i Prikl Fotog i Kineematog,
Vol VII, No 2, 1962, pp 151-157.

OTS 63-16640

ILL Ref: 5828.4 1963 (10 359)
(Loan)

Sci - Physics
Oct 63

Second Scientific-Technical Conference on Electro-
graphy, by A. B. Dravin, 7 pp.

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Kinematograf, Vol ~~XX~~ VII, No 2, 1962, pp 157-160.

CIA/FDD XX-1300
NOT RELEASABLE TO FOREIGN NATIONALS

Sci

OTS 62-10073

Nov 62

USIB INTERNAL USE ONLY

216,259

A Diffusion Method of Hardening Emulsion
Layers, by S. M. Levi, Yu. B. Vilenskii,
14 pp.

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Kinemat, Vol VII, No 3, 1962, pp 151-68.

CIA/FDD XX-1366

No Foreign Dissem

IT 68-12125

Sci - Physics

May 65

USIB Internal Use Only

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Effect of Plastic Deformation on the Spectral
Absorption of Silver Impurity Centers in a
Fine-Grain Silver Chloride Emulsion, by
E. A. Kirillov, A. B. Gol'denberg, 7 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotogr i
Kinematogr, Vol VII, No 3, 1962, pp 176-181.

CIA/FDD XX-1368
No Foreign Dissem

WTC-030688

Sci - Physics
May 63
USIB Internal Use Only

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Study of the Temperature Dependence of Photographic Development, IX. The Activation Energy of the Development of Inherent Defects in Silver Halide Crystals in Photographic Layers, by V. I. Sheberstov, A. S. Kheinman, 8 pp.

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CIA/PDD XX-1379

NO FOREIGN DISSEM

Sci -

Jul 63

USIB Internal Use Only

OTS or CIA 63-18154 (C-77-8160)
236 048

Adirovich, E. I. and Fridlin, V. M.
DEVIATIONS FROM THE RECIPROCITY LAW IN
ELECTROPHOTOGRAPHY AND THE SHAPE OF THE
RECIPROCITY FAILURE CURVES. [1964] 9p
Order from ATS \$11.50
ATS-97Q73R

Trans. of Zhurnal Nauchn. i Prikl. adnoi
Fotografii i Kinematografii (USSR) 1962, v. 7, no. 3,
p. 187-194.

(Materials--Photographic, TT, v. 11, no. 12)

TT-64-12757

- I. Adirovich, E. I.
- II. Fridlin, V. M.
- III. ATS-97Q73R
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Levi, S. M., Tsvetkov, G. M., Khazan, S. M., and
Peleakhov, V. I.
NEW METHODS OF COATING EMULSION AND
AUXILIARY LAYERS ON FLEXIBLE BASES. [1964]
[27p] 17refs
Order from OTS, SLA, or ETC \$2.60 TT-64-14779

Trans. of Zhurnal Nauchnoi i Prikladnoi Fotografii i
Kinematografii (USSR) 1962, v. 7, no. 3, p. 209-218.
Another trans. is available on loan from SLA as
TT-63-20073, 21p.

TT-64-14779

- I. Levi, S. M.
- II. Tsvetkov, G. M.
- III. Khazan, S. M.
- IV. Peleakhov, V. I.

(Materials--Photographic, TT, v. 11, no. 11)

Office of Technical Services

Fine Structure of Admixture Adsorption Spectrum
of Silver Halides, by K. V. Chibisov, 10 pp.

RUSSIAN, per, Zhur Nauch Prik Foto Kine, Vol VII,
No 3, 1962, pp 226-28.

CIA/FDD XX-1380
NO FOREIGN DISSEM

Sci -
Jul 63
USIB Internal Use Only

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Grenishin, S. G. and Cherkasov, Yu. A.
THE CURRENT STATUS OF ELECTROPHOTOGRAPHY
[1963] 16p.
Order from ATS \$22.85 ATS-28Q68R

Trans. of Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kineematografii (USSR) 1962, v. 7,
no. 3, p. 229-239.

DESCRIPTORS: *Electrophotography.

(Materials--Photographic, TT, v. 10, no. 1)

63-17121

- I. Grenishin, S. G.
- II. Cherkasov, Yu. A.
- III. ATS-28Q68R
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

A New Method of Determining the Sharpness of a
Photographic Image, by I. E. Elyurberg,
T. M. Zyazina, 5 pp.

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No 4, 1962, pp 268-271.

CIA/FOUO EX-1577
NO FOREIGN DISSEM

Sci -
Jul 63
USIB Internal Use Only

Borin, A. V., Logak, P. I. and others.
INVESTIGATION OF THE FACTORS INFLUENCING
THE CONCENTRATION EFFECT IN OPTICAL SEN-
SITIZATION. [1962] 8p.
Order from ATS \$14.50 ATS-77P65R

Trans. of Zhurnal Nauchnoi i Prikladnoi Foto-
grafii i Kinematografii (USSR) 1962, v. 7, no. 4,
p. 245-251.

DESCRIPTORS: *Photographic emulsions, Sensitivity.

(Materials - Photographic, TT, v. 9, no. 6)

63-12604

- I. Borin, A. V.
- II. Logak, P. I.
- III. ATS-77P65R
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Nesterovskaya, E. A. and Nechaeva, T. A.
THE PROBLEM OF THE ABSORPTION SPECTRUM OF
PHOTOCHEMICALLY COLORED SILVER HALIDE
WITH REFERENCE TO NATURE OF THE CENTERS
FORMED IN IT. [1962] 6p.
Order from ATS \$9.50

ATS-79P65R

Trans. of Zh[urnal] Nauch[oi] i Prikl[adnoi] Fotogr[afii] i Kinematogr[afii] (USSR) 1962, v. 7, no. 4,
p. 252-256.

DESCRIPTORS: Silver compounds, Halides, Color
centers, Photochemistry, Absorption spectrum, *Photo-
graphic chemicals.

(Materials--Photographic, TT, v. 9, no. 6)

63-12635

- I. Nesterovskaya, E. A.
- II. Nechaeva, T. A.
- III. ATS-79P65R
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

The Dependence of the Results of Development on the
Properties of the Emulsion Layer, by N. N. Shishkina,
7 ip.

RUSSIAN, per, Zhur Nauch Prikl Fot Kinemat, Vol VII,
No 4, 1962, pp 257-261.

CIA/FID XX-1493
NO FOREIGN DISSEM

Sci - Chem
Mar 64
USIB Internal Use Only

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Levina, F. A. and Plavina, I. Z.
SPECTRAL CHARACTERISTICS OF SENSITIZED
ELECTROPHOTOGRAPHIC LAYERS. [Apr 64] 6p
Order from ATS \$8.50
ATS-98Q73R

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TT-64-22107

I. Levina, F. A.
II. Plavina, I. Z.
III. ATS-98Q73R
IV. Associated Technical
Services, Inc., East
Orange, N. J.

(Materials--Photographic, TT, v. 12, no. 2)

Some Problems Relating to the Accuracy of
Reproduction of Images by Electrophotographic
Methods, by S. I. Khotyanovich,
RUSSIAN, per, Zh. Nauchn. i Prikl. Fotogr.
i Kineematogr., Vol VII, No 4, 1962,
pp 272-279.
NIS NJ-4652

Sci-Methods & Equip
Apr 67

321,517

Study of the Physical Definition of a Photographic
Image 1. Method for Obtaining Boundary Curves
and Their Evaluation, by Yu. K. Vifanskii,
Yu. A. Gorokhovskii, 11 pp.

RUSSIAN, per, Zhur Nauch Prik Fot Kineemat,
Vol VII, No 4, 1962, pp 290-296.

CIA/FDD XX-1439
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Sci -
Oct 63
USIB Internal Use Only

Fatigue in Electrophotographic Layers, by
L. I. Syum'ko,
RUSSIAN, per, Zh. Nauchn. i Prikl. Fotogr.
i Kineamatogr., Vol VII, No 4, 1962, pp 297-298.
ATS RU-4647

Sci-Methods & Equip
Apr 67

521,515

Natanson, S. V. and Levkoev, I. I.
REACTION OF SENSITIZING DYES WITH MOLECULAR BROMINE. [1962] 5p.
Order from ATS \$6.50

ATS-78P6SR

Trans. of Zhurnal Nauchoi Prikladnoi
Fotografii i Kinetografi (USSR) 1962, v. 7,
no. 4, p. 300-304.

DESCRIPTORS: *Photographic recording media, Color
film, *Dyes, Sensitivity, Chemical reactions,
*Bromine.

(Materials--Photographic, TT, v. 9, no. 5)

63-12466

I. Natanson, S. V.
II. Levkoev, I. I.
III. ATS-78P6SR
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

The Possible Shape of the Reciprocity Failure
Curve for the Electrophotographic Process on
ZnO Layers, by V. M. Fridkin,
RUSSIAN, per, Zh. Nauchn. i Prikl. Fotogr. i
Kinematogr., Vol VII, No 4, 1962, pp 304-306.
ATS EJ-4045

Sci-Methods & Equipment
Apr 67

321,514

Reports on Latent Photographic Image and Optical
Sensitization Presented at the International
Colloquium on Scientific Photography in Zurich, by
P. V. Meiklyar, 7 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotografii i
Kinematografii, Vol VII, No 4, 1962, pp 311-315.

CIA FMD-XX-1334
NO FOREIGN DISSEM

Sci - Phys
6 Mar 1963
USIB INTERNAL USE ONLY

223,990

The Size of AgBr Grains as a Function of the
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K. S. Lyalikov, N. M. Voronkova, 10 pp.

RUSSIAN, per, Zh Nauch. i Prikl. Foto i Kine,
Vol VII, No 5, 1962, pp 333-340.

CIA/FDD XX-1381
NO FOREIGN DISSEM

Sci =

Jul 63

USIB Internal Use Only

470-311

236,046

Investigations of the Processes of Aging and
Stabilization of Photographic Layers IV., by
V. I. Sheberstov, 11 pp.

RUSSIAN, per, Zhur Nauch Prik Foto Kino,
Vol VII, No 5, 1962, pp 341-47.

CIA/PDD XX1382
NO FOREIGN DISSEM

Sci -
Jul 63

USIB Internal Use Only

175 63-20019

236,045

Study of the Increasing of the General and
Spectral Sensitivity of Photographic Layers
Under the Action of Light and Heat, by
Zh. L. Broun, 7 pp.

RUSSIAN, per, Zhur Nauch i Prikl Foto Kine,
Vol VII, No 5, 1962, pp 354-58

CIA/FDD XX-1378
NO FOREIGN DISSEM

Sci -
Jul 63
USIB Internal Use Only

236,049

Some Problems in Computing the Photometric
Frequency-Response Characteristics of an
Aerial Landscape, by A. N. Vishnyakov, 21 pp.

RUSSIAN, per, Zhur Nauch Prik Foto Kine,
Vol VII, No 5, 1962, pp 359-368.

CIA/FDD XX-1583
NO FOREIGN DISSEM

Sci -
Jul 63
USIB Internal Use Only

136,044

Vifanskii, Yu. K. and Gorokhovskii, Yu. N.
EFFECT OF CONDITIONS OF THE BLACK-AND-
WHITE PHOTOGRAPHIC PROCESS ON PHYSICAL
SHARPNESS. Pt. 2 of Investigation of the Physical
Sharpness of the Photographic Image. [1963] 11p.
Order from ATS \$13.25 ATS-65Q68R

Trans. of Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii (USSR) 1962, v. 7,
no. 5, p. 369-379.

DESCRIPTORS: *Photographic images, *Photographic
processors, Photography.

(Materials--Photographic, TT, v. 10, no. 5)

63-17374

I. Vifanskii, Yu. K.
II. Gorokhovskii, Yu. N.
III. Title: Investigation...
IV. ATS-65Q68R
V. Associated Technical
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East Orange, N. J.

Office of Technical Services

The Effect of Stirring on the Properties of
Highly Dispersed Photographic Emulsions, by
V. V. Vasil'ev, 3 pp.

RUSSIAN, per, Zh. Nauch i Prikl. Foto i Kine,
Vol VII, No 5, 1962, pp 381-383.

CIA/FDD XX-1384
NO FOREIGN DISSEM

Sci -

Jul 63

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USIB Internal Use Only

236,043

Physical Development on Gold Nuclei, by
Ya. M. Veprik, 3 pp.

RUSSIAN, per, Zh. Nauchn i Prikl Fotogr i
Kinematogr, Vol VII, No 5, 1962, pp 384-385.

CIA/FDD XX-1385
NO FOREIGN DISSEM

Sci -
Jul 63
USIB Internal Use Only

236,026

Some Special Features of Photographic Emulsion
Luminescence, by V. M. Belous, 4 pp.

RUSSIAN, per, Zhur Nauchn i Prikl Fotogr i Kine,
Vol VII, No 5, 1962, pp 386-388.

CIA/FDD XX-1441
No Foreign Dissem

Sci - Physics
Oct 63
USIB Internal Use Only

Influence of Structural Factors on the Stabilizing
Activity of Purines, by Ya. A. Levin, V. A. Kukhtin,
4 pp.

RUSSIAN, per, Zhur Nauch Prik Foto Kine, Vol VII,
No 5, 1962, pp 388-89.

CIA/FDD XX-1386
NO FOREIGN DISSEM

Sci -
Jul 63
USIB Internal Use Only

236,042

Grapho-Analytical Method of Determining the
Parameters of the Contrast Function of
Photographic Materials, by G. G. Gribakin,
4 pp.

RUSSIAN, per, Zh Nauch Prikl Foto Kine, Vol VII,
No 5, 1962, pp 390-91.

CIA/FDD XX-1387
NO FOREIGN DISSEM

Sci -
Jul 63
USIB Internal Use Only

236,041

On the Dependence of Photometric Equivalent
on the Blackening Density of the Photographic
Layer, by O. V. Pyasetskaya, K. V. Vendrovskiy,
5 pp.

RUSSIAN, per, Zh Nauch Prik Foto Kino, Vol VII,
No 5, 1962, pp 392-93.

CIA/FDD XX-1388
NO FOREIGN DISSEM

Sci -

~~SECRET~~ Jul 63

USIB Internal Use Only

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The Problem of Maximum Light Sensitivity and the
Nonsilver Halide Photographic Processes, by
V. I. Sheberstov, 26 pp.

RUSSIAN, per, Zhur Nauch Priklad Foto Kinemat,
Vol VII, No 5, 1962, pp 394-402.

CIA/FDD XX-1443

No Foreign Dissem

ATS - 75Q7IR (12/f)

USIB Internal Use Only

Sci - Physics

Oct 65

Investigation of the colour co-ordinates,
by D. K. Balabukha, Zh. nauch. i prikl. foto
i kinemat, Vol 7, 1962, No 6, pp 409-417
NLL 5848.4F (12022)

323,882

Sci - Optics, Light
Apr 67

Investigation of the Sensitivity of the Films
Roentgen-X and Roentgen-XX Toward Elections,
by K. K. Aglintsev, V. V. Smirnov, 6 pp.

RUSSIAN, per, Zh Nauch Prik Foto Kine, Vol VII,
No 6, 1962, pp 444-46.

CIA/FDD XX-1389
NO FOREIGN DISSEM

Sci -

Jul 63

USIB Internal Use Only

236,039

New Method of Logarithmic Conversion in Direct-
Reading Densitometers, by Yu. P. Selivanov,
E. S. Karpenko, 12 pp.

RUSSIAN, per, Zhur Nauch Priklad Foto Kinemat,
Vol VII, No 6, 1962, pp 447-453.

CIA/FDD XX-1446
No Foreign Dissem
OTS TT-63-20528

Sci - Engr

Oct 63

USIB Internal Use Only

Detection of Dyes With the Aid of a
Photographic Layer, by N. M. Zyuskin, 3 pp.

RUSSIAN, per, Zh Nauch Prikl Foto Kine, Vol VII,
No 6, 1962, pp 460-61.

CIA/FDD XX-1393
NO FOREIGN DISSEM

Sci -
Jul 63
USIB Internal Use Only

236, 635

Formation of Blue Dyes in Color Films Containing
Alkylhydroquinones, by V. A. Bogolyubskii,
MIL. V. Grechko, 3 pp.

RUSSIAN, per, Zh Nauch i Prikl ~~REDACTED~~ Foto i
Kine, Vol VII, No 6, 1962, pp 461-462.

CIA/FDD XX-1390
NO FOREIGN DISSEM

Sci -
Jul 63

236,038

USIB Internal Use Only

The Nature of the Induction Period in the Development Process, by V. A. Veldenbakh, 3 pp.

RUSSIAN, per, Zh Nauch Prik Foto Kine, Vol VII, No 6, 1962, pp 463-464.

CIA/FDD XX-1391
NO FOREIGN DISSEM

Sci -
Jul 62 63
USIB Internal Use Only

236,037

The Problem of Gold Sensitization of a Lippmanov
Emulsion, by L. P. Mel'nichuj, Zh. L. Broun, 3 pp.

RUSSIAN, per, Zh Nauchn i Prikl Foto i Kine,
Vol VII, No 6, 1962, pp 465-467.

CIA/FDD XX-1592
NO FOREIGN DISSEM

Sci -
Jul 63
USIB Internal Use Only

236,036

Discussion of Light-Sensitivity Criterion for
Photographic Materials of General Use, by
Yu. N. Gorokhovskiy, N. S. Ovchikis, 7 pp.

RUSSIAN, per, Zhur Nauchn Prikl Foto Kine, Vol VII,
No 6, 1962, pp 472-474.

CIA/FDD XX-1444
No Foreign Dissem

Sci - Physics
Oct 63
USIB Internal Use Only

Mechanism of Penetration of Components
of Processing Solutions Into Photographic
Emulsion, by I. B. Blyumburg,
I. M. Davydkin. *20pp*

RUSSIAN, per, Zhur Nauch Prikl Fotografii
Kinematografii, Vol VIII, No 1, 1963,
pp 3-10.

NLL Ref: 5828.4 1963 (10,416) (LOAN).

Sci - Phys
Feb 64

248, 571
OTS 63-18779

Investigation of the Color Gamut, by D. K. Balabukha,
19 pp.

RUSSIAN, par, Zhar Nach i Prik Foto i Kino, Vol VIII,
No 1, 1963, pp 10-21.

CIA/YDD XX-1468

No Foreign Dissem

OTC 644 67-18766 (9-10-60)

243,493

Sci - Physics

Dec 63

USIS Internal Use Only

NLL(LOAN)REF ID: A67116 (10-428)

Role of Iodine in the Process of Physical
Ripening of Emulsions, by K. S. Lyalykov,
K. M. Ginzburg, 15 pp.

RUSSIAN, per, Zhur Nauch i Prik Foto i Kine, Vol VIII,
No 1, 1963, pp 29-36.

NLL Ref: 5828.4 1963 (10,427) (Loan)

Sci OTS, LA, ETC TT-63-18787
Feb 64

Fridkin, V. M.
THE GENERAL SHAPE OF THE RECIPROcity
FAILURE CURVE IN THE ELECTROPHOTOGRAPHIC
PROCESS. [Jan 64] 8p
Order from ATS \$13.50

ATS-70Q72R

Trans. of Zhurnal Nauchn[oi] i Prikl[adnoi] Foto-
gr[afii] i Kineematogr[afii] (USSR) 1963, v. 8, no. 1,
p. 36-41.

DESCRIPTORS: *Electrophotography

(Materials--Photographic, TT, v. 11, no. 10)

TT-64-12431

- I. Title: Reciprocity law
- I. Fridkin, V. M.
- II. ATS-70Q72R
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Effects of Optical Density and Light Flux Incident on
a Photoelectric Cell, Upon the Form of Silver Halide
Spectral Absorption Curve, by E. A. Kirillov,
E. A. Nesterovskaya, et al, 8 pp.
RUSSIAN, per, Zhur Nauch i Prik Fotog i Kinematog,
Vol VIII, No 1, 1963, pp 47-50.
OTS 63-18726

Sci-Phys
March 64

252,109

Validity of the Reciprocity Law in Electro-
photographic Layers of Zinc Oxide, by
I. Z. Plavina,
RUSSIAN, per, Zh. Nauchn. i Prikl. Fotogr.
i Kinematogr., Vol XIII, No 1, 1965, pp 57-58.
ATS 13-4643

Sci-Methods & Equipment
Apr 67

321,513

Comparing the Chemical and Physical Developments,
by Zh. L. Broun, K. V. Chibisov, 6 pp.

RUSSIAN, per, Zhur Nauch Prikl Foto Kine, Vol VIII,
No 1, 1963, pp 59-61.

CIA/FDD XX-1455
No Foreign Dissem

Sci - Physics
Oct 63
USIB Internal Use Only

NLL Ref: 58224 1963 (10/100) (LONN)
STC 1000 1000 1000 (10/100) (LONN)

TT- 63-18785

Kheinman, A. S., Natanson, S. V., and Donatova,
V. P.

**DESENSITIZING EFFECT OF SUPER-OPTIMUM DYE
CONCENTRATIONS. [1963] 5p. 12 refs.**

Order from OTS, SLA, or ETC \$1.10 TT-63-18785

Trans. of Zhurnal Nauchnoy i Prikladnoy Fotografii i
Kinematografii (USSR) 1963, v. 8, no. 1, p. 69-70.

DESCRIPTORS: *Photographic emulsions, *Photosensit-
ivity, *Dyes, Colors, Surface properties, Adsorption,
Photographic filters, *Thiocyanines.

An investigation was made of effect of a thiocarbocya-
nine dye on light sensitivity (surface) and light sensitiv-
ity (internal), by using the method of differentiation of
light sensitivity (surface) and light sensitivity (internal).
Results showed that light sensitivity (surface) and light
sensitivity (internal) decreased by the same amount
(Materials--Photographic, TT, v. 11, no. 1) (over)

I. Kheinman, A. S.
II. Natanson, S. V.
III. Konatova, V. P.

Office of Technical Services

Standardization of the Method of General Sensitometric
Testing of Multilayer Color Materials, by G. S. Baranov,
E. D. Katsenelenbogen, 12 pp.

RUSSIAN, per, ~~Zhur Nauch i Prikl Foto i Kine~~, Vol VIII,
No 1, 1963, pp 71-74.

CIA/FID XI-1467

No Foreign Dissem

NLL(LOAN)REF: 5828.4 1963 (10,415)

OTS 63-18778

243,481

Sci - Physics

Dec 63

USIS Internal Use only

Mechanism of Penetration of Components of
Processing Photographic Emulsion, by
I. E. Eljunberg, I. M. Davydkin.
RUSSIAN, per, Zhur Nauch Prikl Fotograf
Kinematograf, Vol VIII, No 2, 1963, pp 81-86.
NLL Ref: 5828.4 1964 (10,500) (loan copy)

OTS TT-64-10902

Sci
Aug 64

Levi, S. M., Smirnov, O. K., Ivanchikova, A. F.,
and Kochneva, S. N.

THE ANTICOMET EFFECT OF WETTING-AGENTS
IN COATING A PHOTOGRAPHIC EMULSION. [1963]

[14p] 11 refs

Order from OTS or SLA \$1.60

63-18533

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I. Levi, S. M.
II. Smirnov, O. K.
III. Ivanchikova, A. F.
IV. Kochneva, S. N.

Trans. of [Zhurnal Nauchnoi i Prikladnoi Fotografii i
Kinematografii] (USSR) 1963, v. 8, no. 2, p. 87-91.

DESCRIPTORS: *Photographic emulsions, *Photo-
graphic chemicals, *Surface active substances,
*Adsorption, Coatings, Esters, Thio radicals, Succinic
acids, Propionic acids, Sodium compounds.

NOT RECD: 5/25/64
(10/1/63) (CLEAN COPY)

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neutral esters of sulfosuccinic acid and the esters of
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Office of Technical Services

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CIA/FDD XX-1551

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OTE 63-13577
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NLL Ref: 5828.4 1964 (10,518) (loan)

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073-77-64-10893

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Khodchesko, A. N., Grechko, M. K., Vilenakii,
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[1963] [20p] 23refs
Order from OTS or SLA \$1.60

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Trans. of Zhurnal Nauchnoi i Prikladnoi Fotografii i
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Another transl. is available from ATS \$9.00 as
ATS-41Q71R [1963] 8p.

DESCRIPTORS: *Photographic emulsions, Aging
(Materials), Optical properties, Sensitivity, Dyes,
Silver compounds, Halides, Absorption spectrum.

An investigation of a number of photographic emulsions
at various stages of second ripening with respect to
their capability of being sensitized with dyes with
varying propensity to aggregation during absorption on
(Materials--Photographic, TT, v. 10, no. 10) (over)

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23 pp.

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Sci &- M/M

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Order from ATS \$3. 25
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TT-64-22102

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DESCRIPTORS: *Photographic emulsions, *Silver
compounds, Halides, *Chlorides, *Bromides,
Photosensitivity, Photographic chemicals.

NU. P. 1. 5. 3. 7. 13. 7. 2. 5. 5. 7.

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NLL Ref: 5828.4 1964 (10,511) (loan)

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NLL Ref: 5828.4 1964 (10,514) (loan)

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~~CIA/FDIO XX-14501~~
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CFSTI TT-64-20084
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OTS TT-64-14474

Effect of the Parameters of Electrophotographic
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